

February 19, 2016

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee  
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

**Climate Prediction Center**

The following accelerated items were implemented this past week:

RFC #586 – For the Auto-forecast, changed three sub-scripts to rectify a problem that would have occurred on February 29. Implemented on February 18 at 1200Z.

RFC #587 – Modified the Manual Forecast blend sub-scripts to deal with issues that would have occurred on February 29. Implemented on February 18 at 1200Z.

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The following will be implemented the week of February 22, 2016:

None

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of February 22, 2016 may affect CPC:

None

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The following NCO RFCs are in progress and may affect CPC:

None

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**Ocean Prediction Center**

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of February 22, 2016:

RFC #588 – aboutrss.shtml v2016.02.22 - The RSS page on the OPC website will be updated to add missing VOBRA (high frequency voice broadcast) links and to remove a broken Facebook RSS link which is no longer available. To be implemented on February 22 at 1230Z.

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of February 22, 2016 may affect OPC:

RFC #1720 – IDP Himawari v1.5.6 – Upgrade the IDP Himawari software to produce McIDAS format files in addition to the existing tiled NetCDF products it already produces. The McIDAS files will be used in NAWIPS ingest of Himawari imagery. To be implemented on February 22 at 1200Z.

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The following NCO RFCs are in progress and may affect OPC:

None

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The following NCO RFCs, which may affect OPC, were approved with an implementation date TBD:

RFC #1357 – RTOFS global v1.1.0 – Major upgrade of the Global RTOFS model. See the TIN at: <http://www.nws.noaa.gov/os/notification/tin15-36global-rtofsaaa.htm> for details. This was advertised as having an October 6 implementation date but this implementation is being postponed due to a delay in the Navy's HYCOM model upgrade. Once the HYCOM upgrade is implemented, the Global RTOFS will be scheduled for implementation. The Navy hopes to upgrade HYCOM in FY16Q3. Notification will be given in advance so users may prepare for any changes which may affect them. This upgrade of the Global RTOFS was approved by the NCEP Director.

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### **Weather Prediction Center**

The following accelerated items were implemented this past week:

RFC #585 - Modified 3 scripts: 'pqpf\_output.csh', 'pqpf\_output\_24hr.csh', and 'pqpf\_output\_72hr.csh' to add a byte count wrapper to the PQPF GRIB files before the DBNet alert. The files were not routing properly. This change fixes the problem. Implemented on February 18 at 1600Z

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The following will be implemented the week of February 22, 2016:

RFC #589 - Add links to the new excessive rainfall archive page at [http://www.wpc.ncep.noaa.gov/archives/web\\_pages/ero/ero.html](http://www.wpc.ncep.noaa.gov/archives/web_pages/ero/ero.html) to WPC's main product archive page and the excessive rainfall forecast pages. To be implemented on February 24 at 1500Z.

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of February 22, 2016 may affect WPC:

RFC #1720 – IDP Himawari v1.5.6 – Upgrade the IDP Himawari software to produce McIDAS format files in addition to the existing tiled NetCDF products it already produces. The McIDAS files will be used in NAWIPS ingest of Himawari imagery. To be implemented on February 22 at 1200Z.

RFC #1729 – RTMA/URMA v2.4.2 – In response to a production failure on January 3 (1800Z cycle) of the URMA post job, update the RTMA/URMA to 1) strengthen the GSI minimization procedure, 2) better control the non-linearities in the variational observation quality control, and 3) prevent the RTMA/URMA post from crashing even if a similar GSI minimization issue were to occur. To be implemented on February 23 at 1500Z.

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The following NCO RFCs are in progress and may affect WPC:

None

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Please note that security-related RFCs are never listed in the RFC memo.

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---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncp-ncm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.